

RAW SEQUENCE LISTING

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Application Serial Number: 10/562, 106
Source: IFWP
Date Processed by STIC: 01/04/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 01/04/2006

PATENT APPLICATION: US/10/562,106

TIME: 10:24:51

Input Set : A:\466986.txt

Output Set: N:\CRF4\01042006\J562106.raw

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3 <110> APPLICANT: Agrinomics LLC
5 <120> TITLE OF INVENTION: GENERATION OF PLANTS WITH IMPROVED DROUGHT TOLERANCE
7 <130> FILE REFERENCE: 6616-72617-02
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/562,106
C--> 9 <141> CURRENT FILING DATE: 2005-12-22
9 <150> PRIOR APPLICATION NUMBER: 60/482,139
10 <151> PRIOR FILING DATE: 2003-06-24
12 <150> PRIOR APPLICATION NUMBER: PCT/US04/20321
13 <151> PRIOR FILING DATE: 2004-06-23
15 <160> NUMBER OF SEQ ID NOS: 3
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 600
21 <212> TYPE: DNA
22 <213> ORGANISM: Arabidopsis thaliana
24 <400> SEQUENCE: 1
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29 ttcatcaacc acagaggatc cgacacaaag agaaacatcg caacattgct ttatgacaat      180
31 ctcaaatctc gtaacttacg tccattcttg gattccaaga acatgaagcc cggagataag      240
33 ctttttgatc ataatcaaaa cgcgattctc acttctaaag tcgctgtaac ggttttttct      300
35 cctaactact gcgattcata tttctgtctg cacgagcttg ctcttataat ggagtccaga      360
37 aaaagggtca taccgatatt ctgcgacatc aaaccttcac aactcgatgt tatgatcgag      420
39 agggtgacat gttctgatga tgaaatccaa aggtttagat gggcccttca agaagctaaa      480
41 gatatcggtg gactcacgtt tgattcctac aaagggaatt tatcggaggt tgttacagtt      540
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46 <210> SEQ ID NO: 2
47 <211> LENGTH: 199
48 <212> TYPE: PRT
49 <213> ORGANISM: Arabidopsis thaliana
51 <400> SEQUENCE: 2
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54 1 5 10 15
57 Leu Asn Asn Lys Leu Phe Leu Asp Leu Leu Ser Ser Ser Ser Ser Ala
58 20 25 30
61 Lys Pro Lys Ile Leu His Asp Val Phe Ile Asn His Arg Gly Ser Asp
62 35 40 45
65 Thr Lys Arg Asn Ile Ala Thr Leu Leu Tyr Asp Asn Leu Lys Ser Arg
66 50 55 60
69 Asn Leu Arg Pro Phe Leu Asp Ser Lys Asn Met Lys Pro Gly Asp Lys
70 65 70 75 80
73 Leu Phe Asp His Ile Asn Asn Ala Ile Leu Thr Ser Lys Val Ala Val
74 85 90 95

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77 Thr Val Phe Ser Pro Asn Tyr Cys Asp Ser Tyr Phe Cys Leu His Glu
78          100          105          110
81 Leu Ala Leu Ile Met Glu Ser Arg Lys Arg Val Ile Pro Ile Phe Cys
82          115          120          125
85 Asp Ile Lys Pro Ser Gln Leu Asp Val Met Ile Glu Arg Val Thr Cys
86          130          135          140
89 Ser Asp Asp Glu Ile Gln Arg Phe Arg Trp Ala Leu Gln Glu Ala Lys
90 145          150          155          160
93 Asp Ile Val Gly Leu Thr Phe Asp Ser Tyr Lys Gly Asn Leu Ser Glu
94          165          170          175
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101 Glu Ala Lys Asp Glu Asn Leu
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105 <210> SEQ ID NO: 3

106 <211> LENGTH: 585

107 <212> TYPE: DNA

108 <213> ORGANISM: Arabidopsis thaliana

110 <400> SEQUENCE: 3

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115 ttccagcgca ggttcttcag ccagcaaagg cgaacacaaa tgggtggcaag gcgagtgttg      180
117 gagccgtgtg acgtgttcct gaaccatagg agcatggaca caaagaaaac agtagccacg      240
119 ttgctctatg accatttgaa gaggcacggg ttcaaccctt tcttggacaa caagaacatg      300
121 aagccagggg acaaactggt tgagaaaatc aatagggctg ttatggagtg caagattggg      360
123 gtggcggttc tctcgccacg ctacacggag tcctatTTTT gcctccatga gcttgcactt      420
125 cttctggggg gcaacaagaa ggtcattccc atcttctgtg atgtaaagcc ttcgcagttg      480
127 cgcgttgtca acaaccctaa gtgggtctgaa gatgaactta gacgcttcag acgggctctt      540
129 gaggagggtta agttcacctg gggactcacg ttcaactcct caaaa                    585

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/562,106

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date